

STIC-ILL

From: Gabel, Gailene
Sent: Friday, February 28, 2003 2:13 PM
To: STIC-ILL
09/12, 266

QRI-A6

mi

NPL

A 33948

Please provide a copy of the following literature:

- 1) Gudfeldt et al., Relationship between yeast cell proliferation and intracellular esterase activity during brewing fermentations, J. Inst. Brew 104: 333-338 (Nov-Dec 1998).
- 2) Carvell et al., Developments in using off-line radio frequency impedance methods for measuring the viable cell concentration in the brewery, J. Am. Soc. Brew Chem 58(2): 57-62 (2000).
- 3) Breeuwer et al., Energy dependent, carrier-mediated extrusion of carboxyfluorescein from *Saccharomyces cerevisiae* allows rapid assessment of cell viability by flow cytometry, Applied and Environmental Microbiology 60 (5): 1467-1472 (May 1994).
- 4) Breeuwer et al., Characterization of Uptake and Hydrolysis of fluorescein diacetate and carboxyfluorescein diacetate by intracellular esterases in *Saccharomyces cerevisiae*, which result in accumulation of fluorescent product, Applied and Environmental Microbiology 61 (4): 1614-1619 (April 1995).

Thanks a bunch,
Gailene R. Gabel
7B15
305-0807

Gabel, Gailene

From: Gabel, Gailene
Sent: Friday, February 28, 2003 11:11 AM
To: Gabel, Gailene
Subject: 912266-search

(FILE 'HOME' ENTERED AT 08:58:08 ON 28 FEB 2003)

FILE 'MEDLINE, EMBASE, SCISEARCH, BIOSIS, USPATFULL' ENTERED AT 08:58:56
ON 28 FEB 2003

L1 741180 S (DETECT? OR DETERMIN? OR DETN OR EVALUAT? OR MONITOR?) (5A) (
L2 1788567 S (CELL? OR BACTERI? OR YEAST?) (5A) (VIABLE OR VIABIL? OR LIVE
L3 90619 S L2 (6P) (ENZYM? (2A) (ACTIV? OR ALTER? OR METABOLI? OR BREAK
L4 22620 S (DYE? OR LABEL? OR STAIN?) (L) ((PENETRAT? OR PERMEABLE OR PE
L5 2239 S L3 (6P) L4
L6 1714 S L5 (6P) L1
L7 153070 S L1 (6P) L2
L8 1528 S L5 (6P) L7
L9 50 S L8 AND ((FLUORESC EIN ACETATE?) OR (CALCEIN AM))
L10 50 DUP REM L9 (0 DUPLICATES REMOVED)
L11 50 S L10 AND ((UV ABSORPTION) OR ULTRAVIOLET OR TURBID? OR HEMACYT
L12 1 S L10 AND (FLUROROMET?)
L13 10 S L10 AND (FLUORIMET?)
L14 139 S L4 (P) ((FLUORESC EIN ACETATE?) OR (CALCEIN AM))
L15 1714 S L1 AND L2 AND L3 AND L4
L16 53 S L1 AND L2 AND L3 AND L14
L17 50 S L16 AND L11
L18 14 S L17 AND ((FLUORESC EIN DIACETATE) OR (OREGON GREEN))
L19 14 DUP REM L18 (0 DUPLICATES REMOVED)

=>

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- 2) Carvell et al., Developments in using off-line radio frequency impedance methods for measuring the viable cell concentration in the brewery, J. Am. Soc. Brew Chem 58(2): 57-62 (2000).
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